

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application. Claims 1 and 2 have been canceled without prejudice or disclaimer to their reentry.

Listing of Claims:

- 1-3. (Cancelled)
4. (Currently Amended) A method for obtaining weight loss in humans by administering to a human suffering from overweight a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate. ~~The method according to anyone of claims 1 and 2~~ wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.05-50 milligrams/kg of body weight per 24 hours and said administering is oral or sublingual
5. (Currently Amended) A method for obtaining weight loss in humans by administering to a human suffering from overweight a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate. ~~The method according to anyone of claims 1 and 2~~ wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.05-50 milligrams/kg of body weight per 24 hours and administering is topical
6. (Currently Amended) A method for obtaining weight loss in humans by administering to a human suffering from overweight a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of: (a)

adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate. The method according to ~~anyone of claims 1 and 2~~ wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.01-10 milligrams/kg of body weight per 24 hours and administering is by injection.

7. (Currently Amended) The method according to claim 4 ~~anyone of claims 1 and 2~~ wherein the amount of said member selected from a group consisting of caffeine and theophylline is about 0.1-100 milligrams/kg of body weight per 24 hours and administering is oral or sublingual.
8. (Currently Amended) The method according to claim 5 ~~anyone of claims 1 and 2~~ wherein the amount of said member selected from a group consisting of caffeine and theophylline is about 0.1-100 milligrams/kg of body weight per 24 hours and administering is topical.
9. (Currently Amended) The method according to claim 6 ~~anyone of claims 1 and 2~~ wherein the amount of said member selected from a group of caffeine and theophylline is about 0.1-10 mg/kg of body weight per 24 hours and administering is by injection.
10. (Currently Amended) The method according to ~~anyone of claims 1 and 2~~ 4 and 5 wherein caffeine is administered along with said member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate.
11. (Currently Amended) The method according to ~~anyone of claims 1 and 2~~ 4 and 5 wherein theophylline is administered along with said member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate.

12. (Currently Amended) The method according to anyone of claims 1 and 2 4 and 5 wherein said adenosine 5'-triphosphate is administered in the form of the disodium salt of adenosine 5'-triphosphate.

13. (Canceled)

14. (New) A method for maintaining weight reduction in humans by administering to a human in need of a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.05-50 milligrams/kg of body weight per 24 hours and said administering is oral or sublingual.

15. (New) A method for maintaining weight reduction in humans by administering to a human in need of a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.05-50 milligrams/kg of body weight per 24 hours and administering is topical.

16. (New) A method for maintaining weight reduction in humans by administering to a human in need of a member selected from a group consisting of caffeine and theophylline; and a member selected from a group consisting of: (a) adenosine and inorganic phosphate; (b) adenosine 5'-monophosphate; and (c) adenosine 5'-triphosphate, wherein the amount of adenosine and inorganic phosphate, adenosine 5'-monophosphate or adenosine 5'-triphosphate is about 0.01-10 milligrams/kg of body weight per 24 hours and administering is by injection.